

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Currently amended) A method of operating a cache system to serve one
2 set of cached data in response to multiple different data requests, comprising:
3 receiving a first request for a first set of data, said first request comprising
4 a first session identifier configured to identify a first client session, wherein said
5 first set of data is identifiable by a data identifier, and wherein said first session
6 identifier identifies a first client to an application;
7 serving said first set of data from the cache system in response to said first
8 request;
9 receiving a second request for said first set of data, said second request
10 comprising a second session identifier different from said first session identifier,
11 wherein each of said first request and said second request comprise said data
12 identifier, and wherein said second session identifier identifies a second client to
13 the application;
14 caching said first set of data;
15 associating a portion of said first request with said cached first set of data;
16 and
17 serving said first set of data from the cache system in response to said
18 second request, wherein said serving said first set of data in response to said
19 second request comprises:
20 searching the cache system for a set of data responsive to
21 said second request, wherein said searching comprises comparing

22 said associated portion of said first request to said second request,
23 and wherein said searching involves replacing one or more of said
24 first session identifier and said second session identifier with a
25 default session identifier, and
26 matching said first set of data with said second request.

1 2 (Canceled).

1 3. (Previously presented) The method of claim 1, wherein said data
2 identifier is a URI (Uniform Resource Identifier).

1 4. (Previously presented) The method of claim 1, wherein said first session
2 identifier is combined with said data identifier in said first request; and
3 wherein said second session identifier is combined with said data identifier
4 in said second request.

1 5 (Canceled).

1 6. (Previously presented) The method of claim 1, wherein said portion
2 comprises a combination of said data identifier and said first session identifier.

1 7-10 (Canceled).

1 11. (Previously presented) The method of claim 1, wherein said
2 associating comprises replacing said first session identifier with a default session
3 identifier.

1 12. (Original) The method of claim 1, further comprising, prior to said
2 serving said first set of data in response to said second request:
3 inserting said second session identifier into one or more data identifiers
4 within said first set of data.

1 13. (Original) The method of claim 12, wherein said inserting comprises
2 replacing said first session identifier in a first data identifier with said second
3 session identifier.

1 14. (Currently amended) A method of serving one set of cached data, from
2 a cache system, in response to a plurality of different data requests, wherein each
3 data request comprises a different session identifier, the method comprising:
4 receiving a first request for a first set of data from a first client session,
5 wherein said first request comprises:
6 a data identifier identifying said first set of data; and
7 a first session identifier identifying said first client session, wherein said
8 first session identifier identifies a first client to an application;
9 receiving said first set of data from a data server;
10 caching said first set of data, wherein said first set of data is identifiable in
11 the cache system by information included in said first request;
12 receiving a second request for said first set of data from a second client
13 session, wherein said second request comprises:
14 said data identifier; and
15 a second session identifier identifying said second client session;
16 retrieving said first set of data from a cache, wherein said retrieving
17 involves searching for a previous request for which said first set of data was
18 cached, and wherein said second session identifier identifies a second client to the
19 application; and

20 serving said first set of data in response to said second request, wherein
21 said serving said first set of data in response to said second request comprises:
22 searching the cache system for a set of data responsive to
23 said second request, wherein said searching comprises comparing
24 said associated portion of said first request to said second request,
25 and wherein said searching involves replacing one of said first
26 session identifier and said second identifier with a default value,
27 and
28 matching said first set of data with said second request.

1 15. (Original) The method of claim 14, wherein in said first request, said
2 data identifier is combined with said first session identifier.

1 16 (Canceled).

1 17. (Previously presented) The method of claim 14, wherein said searching
2 comprises comparing a portion of said second request with said information
3 included in said first request.

1 18-20 (Canceled).

1 21. (Original) The method of claim 14, further comprising, prior to said
2 serving:
3 extracting said second session identifier from said second request; and
4 combining said second session identifier with a first data identifier in said
5 first set of data.

1 22. (Original) The method of claim 21, wherein said combining comprises
2 replacing said first session identifier with said second session identifier.

1 23-26 (Canceled).

1 27. (Currently amended) A cache system for caching data from a data
2 server, comprising:

3 a first cache memory configured to store a first data item, wherein said
4 first data item is retrieved from a data server for serving in response to a first data
5 request comprising a first session identifier, wherein said first session identifier
6 identifies a first client to an application; and

7 a parser configured to parse a second data request comprising a second
8 session identifier different from said first session identifier, wherein said second
9 session identifier identifies a second client to the application;

10 wherein said first data item is served in response to said second data
11 request, wherein said serving said first set of data in response to said second
12 request comprises:

13 searching the cache system for a set of data responsive to
14 said second request, wherein said searching comprises comparing
15 said associated portion of said first request to said second request,
16 and wherein said searching involves replacing one of said first
17 session identifier and said second identifier with a default value,
18 and

19 matching said first set of data with said second request.

1 28. (Original) The cache system of claim 27, wherein said first data
2 request comprises a combination of a first data identifier of said first data item and

3 said first session identifier and said second data request comprises a combination
4 of said first data identifier and said second session identifier; and
5 wherein said parser is configured to extract said second session identifier
6 from said second data request.

1 29. (Original) The cache system of claim 27, wherein said first data item
2 comprises a data identifier of another data item; and
3 wherein said second session identifier is combined with said data identifier
4 of said other data item prior to serving said first data item.

1 30. (Original) The cache system of claim 27, further comprising:
2 a second cache memory configured to store a first portion of said first data
3 request, wherein said portion may be compared to a second portion of said second
4 data request to determine if said first data item is responsive to said second data
5 request;
6 wherein said first session identifier and said second session identifier are
7 ignored during said comparison.

1 31. (Currently amended) A cache system for serving one set of data in
2 response to different data requests, comprising:
3 parsing means configured to examine a data request to identify a requested
4 set of data;
5 retrieval means configured to retrieve a session identifier from said data
6 request, wherein said session identifier identifies a first client to an application;
7 and
8 search means configured to search a cache for said requested set of data,
9 wherein said search means is further configured to disregard said session identifier
10 and a session identifier of a previous request in response to which said request set

11 | of data was served, and wherein said session identifier of the previous request
12 | identifies a second client to the application, and
13 | serving means configured to serve said first set of data from the cache
14 | system in response to said second request, wherein said serving means comprises:
15 | searching means configured to search the cache system for
16 | a set of data responsive to said second request, wherein said
17 | searching comprises comparing said associated portion of said first
18 | request to said second request, and wherein said searching involves
19 | replacing one of said first session identifier and said second
20 | identifier with a default valued, and
21 | matching means for matching said first set of data with said
22 | second request.

1 32. (Original) The cache system of claim 31, further comprising update
2 | means configured to update one or more data identifiers in said requested set of
3 | data to include said session identifier.